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Sub
D1
CZ
atom which does not have a substituent, each of R^2 and R^3 simultaneously represents a hydrogen atom, each of Z^1 and Z^2 simultaneously represents an oxygen atom, m is an integer of 0, A^1 is $-\text{CHCH}_2\text{CH}_2-$ and B is $-\text{CO}-$;

COOCH_3

then R^1 is not a methoxy group}.

REMARKS

This Preliminary Amendment amends the specification to correct a clerical error in Table 1 at page 54. The clerical nature of the error and the correction thereof is clear from the knowledge of a person of ordinary skill in the art and the context of the application.

Additionally, claim 1 has been amended as amended February 2, 2001, during the International Phase under PCT Article 34. In this amendment and as shown above, provisos (1), (2), (3) and (4) were added to the end of claim 1.

Entry of the above amendments and favorable consideration of this application are respectfully requested.

Respectfully submitted,

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APPENDIX SHOWING REVISIONS OF CLAIMS AND SPECIFICATION

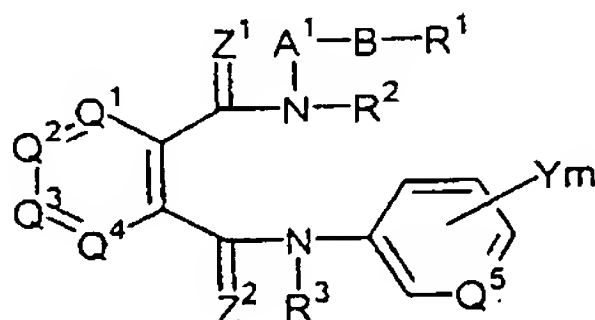
Proposed Amendments To Specification Showing Deletions And Insertions.

Page 54, Table 1, compound No. 317, under column header “-A1-B-R¹”



Proposed Amendments To Claim 1 Showing Deletions And Insertions.

Claim 1. (Amended) An aromatic diamide derivative represented by the following general formula (I) or a salt thereof:



{wherein A¹ is a (C₁-C₈)alkylene group; a substituted (C₁-C₈) alkylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, (C₁-C₆)alkylthio(C₁-C₆)alkyl groups, (C₁-C₆)-alkoxycarbonyl groups and phenyl group; a (C₃-C₈)-alkenylene group; a substituted (C₃-

C_8)alkenylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C_1 - C_6)alkyl groups, (C_1 - C_6)alkoxy groups, halo(C_1 - C_6)alkoxy groups, (C_1 - C_6)alkylthio groups, halo(C_1 - C_6)alkylthio groups, (C_1 - C_6)alkylsulfinyl groups, halo(C_1 - C_6)alkylsulfinyl groups, (C_1 - C_6)alkylsulfonyl groups, halo(C_1 - C_6)alkylsulfonyl groups, (C_1 - C_6)-alkylthio(C_1 - C_6)alkyl groups, (C_1 - C_6)alkoxycarbonyl groups and phenyl group; a (C_3 - C_8)alkynylene group; or a substituted (C_3 - C_8)alkynylene group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, halo(C_1 - C_6)alkyl groups, (C_1 - C_6)alkoxy groups, halo(C_1 - C_6)alkoxy groups, (C_1 - C_6)-alkylthio groups, halo(C_1 - C_6)alkylthio groups, (C_1 - C_6)alkylsulfinyl groups, halo(C_1 - C_6)alkylsulfinyl groups, (C_1 - C_6)alkylsulfonyl groups, halo(C_1 - C_6)alkylsulfonyl groups, (C_1 - C_6)alkylthio(C_1 - C_6)alkyl groups, (C_1 - C_6)alkoxycarbonyl groups and phenyl group;

in the (C_1 - C_8)alkylene group, the substituted (C_1 - C_8) alkylene group, the (C_3 - C_8)alkenylene group, the substituted (C_3 - C_8) alkenylene group, the (C_3 - C_8)-alkynylene group or the substituted (C_3 - C_8)alkynylene group, any saturated carbon atom may be substituted with a (C_2 - C_5)alkylene group to form a (C_3 - C_6)cycloalkane ring; further in the (C_1 - C_8)alkylene group, the substituted (C_1 - C_8) alkylene group, the (C_3 - C_8)alkenylene group or the substituted (C_3 - C_8) alkenylene group, any two carbon atoms may be combined with an alkylene group or an alkenylene group to form a (C_3 - C_6)cycloalkane ring or a (C_3 - C_6)cycloalkene ring;

B is -CO- or -C(=N-OR⁴)- (wherein R⁴ is a hydrogen atom; a (C_1 - C_6)alkyl group; a halo(C_1 - C_6)alkyl group; a (C_3 - C_6)alkenyl group; a halo(C_3 - C_6)alkenyl group; a (C_3 - C_6)alkynyl group; a (C_3 - C_6)cycloalkyl group; a phenyl(C_1 - C_4)alkyl group; or a substituted phenyl(C_1 - C_4)alkyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro

group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups);

R¹ is a hydrogen atom; a (C₁-C₆)alkyl group; a halo(C₁-C₆)alkyl group; a (C₂-C₆)alkenyl group; a halo(C₂-C₆)alkenyl group; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a (C₁-C₆)alkoxy group; a halo(C₁-C₆)alkoxy group; a (C₁-C₆)alkylthio group; a halo(C₁-C₆)alkylthio group; a mono(C₁-C₆)alkylamino group; a di(C₁-C₆)alkylamino group wherein the two alkyl groups may be the same or different; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; a phenylamino group; a substituted phenylamino group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may

be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a phenyloxy group; a substituted phenyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; a phenylthio group; a substituted phenylthio group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups;

R¹ may bond with A¹ to form a 4- to 7-membered ring which may contain, as a ring-constituting atom(s), one or two same or different atoms selected

from oxygen, sulfur and nitrogen atoms;

R^2 and R^3 may be the same or different and are each a hydrogen atom, a (C₃-C₆)cycloalkyl group or -A²-R⁵ [wherein A² is -C(=O)-, -C(=S)-, -C(=NR⁶)- (wherein R⁶ is a hydrogen atom; a (C₁-C₆)alkyl group; a (C₁-C₆)alkoxy group; a mono(C₁-C₆)alkylamino group; a di(C₁-C₆)-alkylamino group wherein the two alkyl groups may be the same or different; a (C₁-C₆)alkoxycarbonyl group; a phenyl group; or a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups), a (C₁-C₈)alkylene group, a halo(C₁-C₈)alkylene group, a (C₃-C₆)alkenylene group, a halo(C₃-C₆)alkenylene group, a (C₃-C₆)alkynylene group or a halo(C₃-C₆)alkynylene group;

(1) when A² is -C(=O)-, -C(=S)- or -C(=NR⁶)- (wherein R⁶ has the same definition as given above), R⁵ is a hydrogen atom; a (C₁-C₆)alkyl group; a halo(C₁-C₆)-alkyl group; a (C₁-C₆)alkoxy group; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino

groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; or -A³-R⁷ (wherein A³ is -O-, -S- or -N(R⁸)- (wherein R⁸ is a hydrogen atom; a (C₁-C₆)-alkylcarbonyl group; a halo(C₁-C₆)alkylcarbonyl group; a (C₁-C₆)alkoxycarbonyl group; a phenylcarbonyl group; a substituted phenylcarbonyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; a phenyl(C₁-C₄)alkoxycarbonyl group; or a substituted phenyl(C₁-C₄)alkoxycarbonyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may

be the same or different, and (C₁-C₆)alkoxycarbonyl groups); and R⁷ is a (C₁-C₆)alkyl group; a halo(C₁-C₆)alkyl group; a (C₃-C₆)alkenyl group; a halo(C₃-C₆)alkenyl group; a (C₃-C₆)alkynyl group; a halo(C₃-C₆)alkynyl group; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a (C₁-C₆)alkylcarbonyl group; a halo(C₁-C₆)alkylcarbonyl group; a (C₁-C₆)-alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)-alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a phenyl(C₁-C₄)alkyl group; a substituted phenyl(C₁-C₄)alkyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino

groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups);

(2) when A² is a (C₁-C₈)alkylene group, a halo(C₁-C₈)alkylene group, a (C₃-C₆)alkenylene group, a halo(C₃-C₆)alkenylene group, a (C₃-C₆)alkynylene group or a halo(C₃-C₆)alkynylene group, R⁵ is a hydrogen atom; a halogen atom; a cyano group; a nitro group; a (C₃-C₆)-cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a (C₁-C₆)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; or -A⁴-R⁹ (wherein A⁴ is -O-, -S-, -SO-, -SO₂-, -N(R⁸)- (R⁸ has the same definition as given above), -C(=O)- or -C(=NOR⁴)- (R⁴ has the same definition as given above);

(i) when A⁴ is -O-, -S-, -SO-, -SO₂- or -N(R⁸)- (R⁸ has the same

definition as given above), R^9 is a hydrogen atom; a (C_1-C_6) alkyl group; a halo(C_1-C_6)alkyl group; a (C_3-C_6) alkenyl group; a halo(C_3-C_6)alkenyl group; a (C_3-C_6) alkynyl group; a halo(C_3-C_6)alkynyl group; a (C_3-C_6) cycloalkyl group; a halo(C_3-C_6)cycloalkyl group; a (C_1-C_6) alkylcarbonyl group; a halo(C_1-C_6)-alkylcarbonyl group; a (C_1-C_6) alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C_1-C_6) alkyl groups, halo(C_1-C_6)alkyl groups, (C_1-C_6) alkoxy groups, halo(C_1-C_6)alkoxy groups, (C_1-C_6) alkylthio groups, halo(C_1-C_6)alkylthio groups, (C_1-C_6) alkylsulfinyl groups, halo(C_1-C_6)alkylsulfinyl groups, (C_1-C_6) alkylsulfonyl groups, halo(C_1-C_6)alkylsulfonyl groups, mono(C_1-C_6)alkylamino groups, di(C_1-C_6)alkylamino groups wherein the two alkyl groups may be the same or different, and (C_1-C_6) alkoxycarbonyl groups; a phenyl(C_1-C_4)alkyl group; a substituted phenyl(C_1-C_4)alkyl group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C_1-C_6) alkyl groups, halo(C_1-C_6)alkyl groups, (C_1-C_6) alkoxy groups, halo(C_1-C_6)alkoxy groups, (C_1-C_6) alkylthio groups, halo(C_1-C_6)alkylthio groups, (C_1-C_6) alkylsulfinyl groups, halo(C_1-C_6)alkylsulfinyl groups, (C_1-C_6) alkylsulfonyl groups, halo(C_1-C_6)alkylsulfonyl groups, mono(C_1-C_6)alkylamino groups, di(C_1-C_6)alkylamino groups wherein the two alkyl groups may be the same or different, and (C_1-C_6) alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C_1-C_6) alkyl groups, halo(C_1-C_6)alkyl groups, (C_1-C_6) -alkoxy groups, halo(C_1-C_6)alkoxy groups, (C_1-C_6) alkylthio groups, halo(C_1-C_6)alkylthio groups, (C_1-C_6) alkylsulfinyl groups, halo(C_1-C_6)alkylsulfinyl groups, (C_1-C_6) -alkylsulfonyl groups, halo(C_1-C_6)alkylsulfonyl groups, mono(C_1-C_6)alkylamino groups, di(C_1-C_6)alkylamino groups

wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups;

(ii) when A⁴ is -C(=O)- or -C(=N-OR⁴)- (R⁴ has the same definition as given above), R⁹ is a hydrogen atom; a (C₁-C₆)alkyl group; a halo(C₁-C₆)alkyl group; a (C₂-C₆)alkenyl group; a halo(C₂-C₆)alkenyl group; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a (C₁-C₆)alkoxy group; a halo(C₁-C₆)alkoxy group; a (C₁-C₆)alkylthio group; a halo(C₁-C₆)alkylthio group; a mono(C₁-C₆)alkylamino group; a di(C₁-C₆)alkylamino group wherein the two alkyl groups may be the same or different; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)-alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)-alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a phenylamino group; a substituted phenylamino group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a phenyloxy group; a substituted phenyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-

C_6)alkyl groups, (C_1-C_6) alkoxy groups, halo(C_1-C_6)alkoxy groups, (C_1-C_6) alkylthio groups, halo(C_1-C_6)alkylthio groups, (C_1-C_6) alkylsulfinyl groups, halo(C_1-C_6)alkylsulfinyl groups, (C_1-C_6) alkylsulfonyl groups, halo(C_1-C_6)alkylsulfonyl groups, mono(C_1-C_6)alkylamino groups, di(C_1-C_6)alkylamino groups wherein the two alkyl groups may be the same or different, and (C_1-C_6) alkoxycarbonyl groups; a phenylthio group; a substituted phenylthio group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C_1-C_6) alkyl groups, halo(C_1-C_6)alkyl groups, (C_1-C_6) alkoxy groups, halo(C_1-C_6)alkoxy groups, (C_1-C_6) alkylthio groups, halo(C_1-C_6)alkylthio groups, (C_1-C_6) alkylsulfinyl groups, halo(C_1-C_6)alkylsulfinyl groups, (C_1-C_6) alkylsulfonyl groups, halo(C_1-C_6)alkylsulfonyl groups, mono(C_1-C_6)alkylamino groups, di(C_1-C_6)alkylamino groups wherein the two alkyl groups may be the same or different, and (C_1-C_6) alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C_1-C_6) alkyl groups, halo(C_1-C_6)alkyl groups, (C_1-C_6) alkoxy groups, halo(C_1-C_6)alkoxy groups, (C_1-C_6) alkylthio groups, halo(C_1-C_6)alkylthio groups, (C_1-C_6) alkylsulfinyl groups, halo(C_1-C_6)alkylsulfinyl groups, (C_1-C_6) alkylsulfonyl groups, halo(C_1-C_6)alkylsulfonyl groups, mono(C_1-C_6)alkylamino groups, di(C_1-C_6)alkylamino groups wherein the two alkyl groups may be the same or different, and (C_1-C_6) alkoxycarbonyl groups)];

R^2 may bond with A^1 or R^1 to form a 4- to 7-membered ring which may contain, as a ring-constituting atom(s), one or two same or different atoms selected from oxygen, sulfur and nitrogen atoms;

Q^1 to Q^4 may be the same or different and are each a nitrogen atom or a carbon atom which may be substituted with X, and X may be the same or different,

and is a halogen atom; a cyano group; a nitro group; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a (C₁-C₆)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; or -A⁵-R¹⁰ [wherein A⁵ is -O-, -S-, -SO-, -SO₂-, -C(=O)-, -C(=NOR⁴)- (R⁴ has the same definition as given above), a (C₁-C₆)alkylene group, a halo(C₁-C₆)alkylene group, a (C₂-C₆)alkenylene group, a halo(C₂-C₆)alkenylene group, a C₂-C₆alkynylene group or a halo(C₂-C₆)alkynylene group;

(1) when A⁵ is -O-, -S-, -SO- or -SO₂-, R¹⁰ is a halo(C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkenyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)-

alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)-alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; or -A⁶-R¹¹ (wherein A⁶ is a (C₁-C₆)alkylene group, a halo(C₁-C₆)-alkylene group, a (C₃-C₆)alkenylene group, a halo(C₃-C₆)-alkenylene group, a (C₃-C₆)alkynylene group or a halo(C₃-C₆)alkynylene group, and R¹¹ is a hydrogen atom; a halogen atom; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)-cycloalkyl group; a (C₁-C₆)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; or -A⁷-R¹² (wherein A⁷ is -O-, -S-, -SO- or -SO₂-, and R¹² is a (C₁-C₆)alkyl group; a halo(C₁-C₆)alkyl group; a (C₃-C₆)alkenyl group; a halo(C₃-C₆)alkenyl group; a (C₃-C₆)alkynyl group; a halo(C₃-

C₆)alkynyl group; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups));

(2) when A⁵ is -C(=O)- or -C(=NOR⁴)- (R⁴ has the same definition as given above), R¹⁰ is a (C₁-C₆)-alkyl group; a halo(C₁-C₆)alkyl group; a (C₂-C₆)alkenyl group; a halo(C₂-C₆)alkenyl group; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a (C₁-C₆)alkoxy group; a (C₁-C₆)alkylthio group; a mono(C₁-C₆)alkylamino group; a di(C₁-C₆)alkylamino group wherein the two alkyl groups may be the same or different; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl

groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; a phenylamino group; a substituted phenylamino group having, on the ring, one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)-alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups;

(3) when A⁵ is a (C₁-C₆)alkylene group, a halo(C₁-C₆)alkylene group, a (C₂-C₆)alkenylene group, a halo(C₂-C₆)alkenylene group, a (C₂-C₆)alkynylene group or a halo(C₂-C₆)alkynylene group, R¹⁰ is a hydrogen atom; a halogen atom; a (C₃-C₆)cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a (C₁-C₆)alkoxycarbonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups,

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C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; or -A⁹-R¹⁴ (wherein A⁹ is a (C₁-C₆)alkylene group, a halo(C₁-C₆)alkylene group, a (C₂-C₆)alkenylene group, a halo(C₂-C₆)alkenylene group, a (C₂-C₆)alkynylene group or a halo(C₃-C₅)alkynylene group, and R¹⁴ is a hydrogen atom; a halogen atom; a (C₃-C₆)-cycloalkyl group; a halo(C₃-C₆)cycloalkyl group; a (C₁-C₆)alkoxy group; a halo(C₁-C₆)alkoxy group; a (C₁-C₆)alkylthio group; a halo(C₁-C₆)alkylthio group; a (C₁-C₆)alkylsulfinyl group; a halo(C₁-C₆)alkylsulfinyl group; a (C₁-C₆)alkylsulfonyl group; a halo(C₁-C₆)alkylsulfonyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)-alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)-alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a phenyloxy group; a substituted phenyloxy group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)-alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a phenylthio group; a substituted phenylthio group having one or more same or

different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups; a heterocyclic group; or a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups))];

the two Xs bonding to the adjacent two carbon atoms constituting the aromatic ring containing Q¹ to Q⁴ may bond to each other to form a condensed ring; the condensed ring may have one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)-alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups;

Q⁵ is a nitrogen atom or a carbon atom;

Y may be the same or different, and is a halogen atom; a cyano group;

a nitro group; a halo(C₃-C₆)cycloalkyl group; a phenyl group; a substituted phenyl group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)-alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; a heterocyclic group; a substituted heterocyclic group having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)-alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)alkoxycarbonyl groups; or -A⁵-R¹⁰ (A⁵ and R¹⁰ each have the same definition as given above);

the two Ys bonding to the adjacent two carbon atoms constituting the aromatic ring containing Q⁵ may bond to each other to form a condensed ring; the condensed ring may have one or more same or different substituents selected from halogen atoms, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, phenyl group, substituted phenyl groups having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups,

halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups, heterocyclic groups, and substituted heterocyclic groups having one or more same or different substituents selected from halogen atoms, cyano group, nitro group, (C₁-C₆)alkyl groups, halo(C₁-C₆)alkyl groups, (C₁-C₆)alkoxy groups, halo(C₁-C₆)alkoxy groups, (C₁-C₆)alkylthio groups, halo(C₁-C₆)alkylthio groups, (C₁-C₆)alkylsulfinyl groups, halo(C₁-C₆)-alkylsulfinyl groups, (C₁-C₆)alkylsulfonyl groups, halo(C₁-C₆)alkylsulfonyl groups, mono(C₁-C₆)alkylamino groups, di(C₁-C₆)alkylamino groups wherein the two alkyl groups may be the same or different, and (C₁-C₆)-alkoxycarbonyl groups;

m is an integer of 0 to 5;

Z¹ and Z² may be the same or different and are each an oxygen atom or a sulfur atom;

provided that (1) when each of Q¹, Q², Q³, Q⁴ and Q⁵ simultaneously represents a carbon atom, each of R² and R³ simultaneously represents a hydrogen atom, each of Z¹ and Z² simultaneously represents an oxygen atom, X is an iodine atom, m is an integer of 2, Y is 2-methyl group or 4-pentafluoroethyl group, A¹ is -CH₂CH₂- and B is -CO-; then R¹ is not an ethoxy group;

(2) when each of Q¹, Q², Q³, Q⁴ and Q⁵ simultaneously represents a carbon atom, each of R² and R³ simultaneously represents a hydrogen atom, each of Z¹ and Z² simultaneously represents an oxygen atom, X is an iodine atom, m is an integer of 2, Y is 2-methyl group or 4-heptafluoroisopropyl group, A¹ is -CH₂CH₂- and B is -CO-; then R¹ is not an ethoxy group;

(3) when Q^1 represents a nitrogen atom, each of Q^2 , Q^3 , Q^4 and Q^5 simultaneously represents a carbon atom which does not have a substituent, each of R^2 and R^3 simultaneously represents a hydrogen atom, each of Z^1 and Z^2 simultaneously represents an oxygen atom, m is an integer of 2, Y is 2-methyl group or 3-chloro group, A^1 is $-\text{CH}_2\text{CH}_2\text{CH}_2-$ and B is $-\text{CO}-$; then R^1 is not an ethoxy group;

(4) when each of Q^1 , Q^2 , Q^3 , Q^4 and Q^5 simultaneously represents a carbon atom which does not have a substituent, each of R^2 and R^3 simultaneously represents a hydrogen atom, each of Z^1 and Z^2 simultaneously represents an oxygen atom, m is an integer of 0, A^1 is $-\text{CHCH}_2\text{CH}_2-$ and B is $-\text{CO}-$;

COOCH_3

|

then R^1 is not a methoxy group}.